

Exhibit 2

Marc F. Stern, MD, MPH
Assistant Affiliate Professor, School of Public Health, University of Washington
Clinical Associate Professor, School of Public Health, University of Albany
Consultant in Correctional Health Care
Olympia, Washington 98501, USA

I, Marc Stern, MD, suffering from no disability which would disqualify me from swearing an oath, under penalty of perjury, hereby affirm:

1. I am a physician, board-specialized in internal medicine, specializing in correctional health care. On a regular basis, I investigate, evaluate, and monitor the adequacy of health care delivery systems in correctional institutions on behalf of a variety of parties including federal courts. My prior experience includes working with state departments of corrections and county jails, the Office of Civil Rights and Civil Liberties of the U.S. Department of Homeland Security, and the Special Litigation Section of the Civil Rights Division of the U.S. Department of Justice. Through 2013, I taught the National Commission on Correctional Health Care's (NCCHC) correctional health care standards semi-annually to correctional health care administrators at NCCHC's national conferences. I authored a week-long curriculum commissioned by the National Institute of Corrections of the U.S. Department of Justice to train jail and prison wardens and health care administrators in the principles and practice of operating safe and effective correctional health care operations, and served as the principal instructor for this course. I have been qualified as an expert in several jurisdictions on correctional health care systems and conditions of confinement, including the US District Court for the District of Arizona, where I currently serve as the lead court monitor in *Jensen vs. Thornell*. Attached is a copy of my curriculum vitae.

2. I have been asked by Mr. Harold Hirshman, attorney for Plaintiffs, to opine on the use of staffing levels or ratios to establish whether care delivered in a correctional setting meets minimal constitutional requirements.

3. I have reviewed Defendants' memo of May 19, 2025 (Doc. 1934).

4. The adequacy of staffing (e.g., by describing staffing ratios) cannot be determined without taking into account the specific context in which the staff operate. Important contextual factors must be looked at. These factors include, but are not limited to: patient severity of illness, comorbid mental health problems, and patient ability to understand and participate in their own care; physical plant (e.g., amount of usable clinic space in which the staff can see patients efficiently); operational factors (e.g., how much "usable" time there is during the day for staff to see patients, which can be impacted by times of the day when resident movement is restricted or the need to separate certain residents from others; and adequacy of custody staffing responsible for escorting patients to and from health care appointments.

5. Comparison of staffing ratios from one state to another is meaningless without an analysis of (a) the quality of care in the comparison states and (b) the factors described above. California, for example, ranks higher than Illinois in Defendants' table of staffing ratios, yet is currently under court receivership due to unconstitutional levels of health care.

6. Even after making the necessary adjustments to staffing levels that I describe in paragraphs 4 and 5 above, staffing levels (i.e., the raw number of bodies), by themselves, are not dispositive of constitutionally adequate care. Many other factors, related and unrelated to staff, must be examined. Examples of factors related to staff include: staff experience (e.g., does the entity hire nurses directly from nursing school, or nurses with work experience?); licensure level (filling a nurse position with a licensed practical nurse (LPN), a license generally requiring 18 months of post-high school training, is not the same as filling the position with a registered nurse, a license generally requiring a bachelor's degree); degree of training (e.g., are primary care physicians trained in primary care specialties such as internal medicine or family medicine, and are they board certified in these specialties?); staff supervision; and the extent to which staff are permanent employees or are temporary employees who either work intermittently or on short contracts of several weeks and therefore are less familiar with policies and procedures.

7. I offer these opinions with a reasonable degree of medical certainty.

A handwritten signature in black ink, appearing to read "Paul F. H." with a stylized flourish at the end.

May 22, 2025

MARC F. STERN, M.D., M.P.H., F.A.C.P.

April, 2025

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SUMMARY OF EXPERIENCE

CORRECTIONAL HEALTH CARE CONSULTANT

2009 – PRESENT

Consultant in the design, management, and operation of health services in a correctional setting to assist in evaluating, monitoring, or providing evidence-based, cost-effective care consistent with constitutional mandates of quality.

Current activities include:

- Member, Committee on Advancing the Field of Forensic Pathology: Lessons Learned from Death in Custody Investigations. National Academies of Sciences, Engineering, and Medicine (2024 –)
- Court-appointed expert to assist the Court in crafting of, and lead monitor for monitoring of, Injunctive Order, US District Court for the District of Arizona, in the matter of Jensen v. Thornell (2022 –)
- Member, working group creating an open-source model Request for Proposal for use by correctional facilities soliciting bids from health care vendors to provide health care to residents, the goal of which is resultant contracts that improve patient safety and quality of health care (2022 -)
- Co-Chair, Re-Entry Workgroup commissioned by Washington State Legislature pursuant to Bill SB5304, Washington State Health Care Authority (Medicaid Agency) (2021 -)
- Senior Medical Advisor, National Sheriffs Association (2020 -)
- Medical Director and Member, Board of Directors, American Jail Association (2022 -)
- Medical Advisor, Washington Association of Sheriffs and Police Chiefs, and to various jails in Washington State on patient safety, health systems, and related health care and custody staff activities and operations, and RFP and contract generation (2014 -)
- Consultant to the US Department of Justice, Civil Rights Division, Special Litigation Section. Providing investigative support and expert medical services pursuant to complaints regarding care delivered in any US jail, prison, or detention facility. (2010 -) (no current open cases)
- Physician prescriber/trainer for administration of naloxone by law enforcement officers for the Olympia, Tumwater, Lacey, Yelm, and Evergreen College Police Departments (2017 -)
- Member, Training and Technical Assistance team of the University of Washington, providing consultation to Washington State Health Care Authority and individual jails to implement Medication for Opioid Use Disorder treatment programs under state-legislated funding (2022 -)

Previous activities include:

- Consultant to Broward County Sheriff to help develop and evaluate responses to a request for proposals (2017 – 2018; 2023 - 2024)
- Member, Jail Standards Task Force commissioned by the Washington State Legislature pursuant to Bill SB5902 (2022 - 2024)
- Member, Expert Advisory Committee for development of national guidelines for jails on management of substance use withdrawal, National Commission on Correctional Health Care & American Society for Addiction Medicine, under COSSAP grant of U.S. Bureau of Justice Assistance (2021 - 2024)
- Project Director, COVID-19 Vaccination Acceptance Project for Correctional Populations (2020 - 2021)
- Biden-Harris campaign Health Policy Committee volunteer (2020)
- Federal Rule 706 Court-Appointed Expert to the Court, US District Court for the District of Arizona, in the matter of Parsons v. Ryan (2018-2019)
- Consultant to Human Rights Watch to evaluate medical care of immigrants in Homeland Security detention (2016 - 2018)
- Consultant to the Civil Rights Enforcement Section, Office of the Attorney General of California, under SB 29, to review the healthcare-related conditions of confinement of detainees confined by Immigration and Customs Enforcement in California facilities (2017 - 2019)

- Member of monitoring team (medical expert) pursuant to Consent Agreement between US Department of Justice and Miami-Dade County (Unites States of America v. Miami-Dade County, *et al.*) regarding unconstitutional medical care. (2013 - 2016)
- Jointly appointed Consultant to the parties in Flynn v. Walker (formerly Flynn v. Doyle), a class action lawsuit before the US Federal District Court (Eastern District of Wisconsin) regarding Eighth Amendment violations of the health care provided to women at the Taycheedah Correctional Institute. Responsible for monitoring compliance with the medical component of the settlement. (2010 - 2015)
- Consultant on “Drug-related Death after Prison Release,” a research grant continuing work with Dr. Ingrid Binswanger, University of Colorado, Denver, examining the causes of, and methods of reducing deaths after release from prison to the community. National Institutes of Health Grant R21 DA031041-01. (2011 - 2016)
- Consultant to the US Department of Homeland Security, Office for Civil Rights and Civil Liberties. Providing investigative support and expert medical services pursuant to concerns about patient safety and deaths among immigration detainees in the custody of U.S. Immigration and Customs Enforcement. (2009 - 2014)
- Special Master for the US Federal District Court (District of Idaho) in Balla v Idaho State Board of Correction, et al., a class action lawsuit alleging Eighth Amendment violations in provision of health care at the Idaho State Correctional Institution. (2011 - 2012)
- Facilitator/Consultant to the US Department of Justice, Office of Justice Programs, Bureau of Justice Statistics, providing assistance and input for the development of the first National Survey of Prisoner Health. (2010-2011)
- Project lead and primary author of National Institute of Corrections’ project entitled “Correctional Health Care Executive Curriculum Development,” in collaboration with National Commission on Correctional Health Care. NIC commissioned this curriculum for its use to train executive leaders from jails and prisons across the nation to better manage the health care missions of their facilities. Cooperative Agreement 11AD11GK18, US Department of Justice, National Institute of Corrections. (2011 - 2015)
- Co-teacher, with Jaye Anno, Ph.D., for the National Commission on Correctional Health Care, of the Commission’s standing course, *An In-Depth Look at NCCHC’s 2008 Standards for Health Services in Prisons and Jails* taught at its national meetings. (2010 - 2013)
- Contributor to 2014 Editions of Standards for Health Services in Jails and Standards for Health Services in Prisons, National Commission on Correctional Health Care. (2013)
- Consultant to the California Department of Corrections and Rehabilitation court-appointed Receiver for medical operations. Projects included:
 - Assessing the Receiver’s progress in completing its goal of bringing medical care delivered in the Department to a constitutionally mandated level. (2009)
 - Providing physician leadership to the Telemedicine Program Manager tasked with improving and expanding the statewide use of telemedicine. (2009)
- Conceived, co-designed, led, and instructed in American College of Correctional Physicians and National Commission on Correctional Health Care’s Medical Directors Boot Camp (now called Leadership Institute), a national training program for new (Track “101”) and more experienced (Track “201”) prison and jail medical directors. (2009 - 2012)
- Participated as a member of a nine-person Delphi expert consensus panel convened by Rand Corporation to create a set of correctional health care quality standards. (2009)
- Convened a coalition of jails, Federally Qualified Health Centers, and community mental health centers in ten counties in Washington State to apply for a federal grant to create an electronic network among the participants that will share prescription information for the correctional population as they move among these three venues. (2009 - 2010)
- Participated as a clinical expert in comprehensive assessment of Michigan Department of Corrections as part of a team from the National Commission on Correctional Health Care. (2007)
- Provided consultation to Correctional Medical Services, Inc., St. Louis (now Corizon), on issues related to development of an electronic health record. (2001)
- Reviewed cases of possible professional misconduct for the Office of Professional Medical Conduct of the New York State Department of Health. (1999 – 2001)
- Advised Deputy Commissioner, Indiana State Board of Health, on developing plan to reduce morbidity from chronic diseases using available databases. (1992)
- Provided consultation to Division of General Medicine, University of Nevada at Reno, to help develop a new clinical practice site combining a faculty practice and a supervised resident clinic. (1991)

OLYMPIA FREE CLINIC, OLYMPIA, WASHINGTON**2017 - PRESENT**

Volunteer practitioner providing episodic care at a neighborhood clinic which provides free care to individuals without health insurance until they can find a permanent medical home

OLYMPIA BUPRENORPHINE CLINIC, OLYMPIA, WASHINGTON**2019 - 2021**

Volunteer practitioner at a low-barrier clinic to providing Medication Assisted Treatment (buprenorphine) to opioid dependent individuals wishing to begin treatment, until they can transition to a long-term treatment provider

OLYMPIA UNION GOSPEL MISSION CLINIC, OLYMPIA, WASHINGTON**2009 – 2014**

Volunteer practitioner providing primary care at a neighborhood clinic which provides free care to individuals without health insurance until they can find a permanent medical home; my own patient panel within the practice focuses on individuals recently released jail and prison.

WASHINGTON STATE DEPARTMENT OF CORRECTIONS**2002 – 2008**

Assistant Secretary for Health Services/Health Services Director, 2005 – 2008

Associate Deputy Secretary for Health Care, 2002 – 2005

Responsible for the medical, mental health, chemical dependency (transiently), and dental care of 15,000 offenders in total confinement. Oversaw an annual operating budget of \$110 million and 700 health care staff.

- As the first incumbent ever in this position, ushered the health services division from an operation of 12 staff in headquarters, providing only consultative services to the Department, to an operation with direct authority and responsibility for all departmental health care staff and budget. As part of new organizational structure, created and filled statewide positions of Directors of Nursing, Medicine, Dental, Behavioral Health, Mental Health, Psychiatry, Pharmacy, Operations, and Utilization Management.
- Significantly changed the culture of the practice of correctional health care and the morale of staff by a variety of structural and functional changes, including: ensuring that high ethical standards and excellence in clinical practice were of primordial importance during hiring of professional and supervisory staff; supporting disciplining or career counseling of existing staff where appropriate; implementing an organizational structure such that patient care decisions were under the final direct authority of a clinician and were designed to ensure that patient needs were met, while respecting and operating within the confines of a custodial system.
- Improved quality of care by centralizing and standardizing health care operations, including: authoring a new Offender Health Plan defining patient benefits based on the Eighth Amendment, case law, and evidence-based medicine; implementing a novel system of utilization management in medical, dental, and mental health, using the medical staffs as real-time peer reviewers; developing a pharmacy procedures manual and creating a Pharmacy and Therapeutics Committee; achieving initial American Correctional Association accreditation for 13 facilities (all with almost perfect scores on first audit); migrating the eight individual pharmacy databases to a single central database.
- Blunted the growth in health care spending without compromising quality of care by a number of interventions, including: better coordination and centralization of contracting with external vendors, including new statewide contracts for hospitalization, laboratory, drug purchasing, radiology, physician recruitment, and agency nursing; implementing a statewide formulary; issuing quarterly operational reports at the state and facility levels.
- Piloted the following projects: direct issuance of over-the-counter medications on demand through inmates stores (commissary), obviating the need for a practitioner visit and prescription; computerized practitioner order entry (CPOE); pill splitting; ER telemedicine.
- Oversaw the health services team that participated variously in pre-design, design, or build phases of five capital projects to build complete new health units.

NEW YORK STATE DEPARTMENT OF CORRECTIONAL SERVICES**2001 – 2002**

Regional Medical Director, Northeast Region, 2001 – 2002

Responsible for clinical oversight of medical services for 14,000 offenders in 14 prisons, including one (already) under court monitoring.

- Oversaw contract with vendor to manage 60-bed regional infirmary and hospice.

- Coordinated activities among the Regional Medical Unit outpatient clinic, the Albany Medical College, and the 13 feeder prisons to provide most of the specialty care for the region.
- Worked with contracting specialists and Emergency Departments to improve access and decrease medical out-trips by increasing the proportion of scheduled and emergency services provided by telemedicine.
- Provided training, advice, and counseling to practitioners and facility health administrators in the region to improve the quality of care delivered.

CORRECTIONAL MEDICAL SERVICES, INC. (now YesCare)**2000 – 2001**Regional Medical Director, New York Region, 2000 – 2001

Responsible for clinical management of managed care contract with New York State Department of Correctional Services to provide utilization management services for the northeast and northern regions of New York State and supervision of the 60-bed regional infirmary and hospice.

- Migrated the utilization approval function from one of an anonymous rule-based “black box” to a collaborative evidence-based decision making process between the vendor and front-line clinicians.

MERCY INTERNAL MEDICINE, ALBANY, NEW YORK**1999 – 2000**

Neighborhood three-physician internal medicine group practice.

Primary Care Physician, 1999 – 2000 (6 months)

Provided direct primary care to a panel of community patients during a period of staff shortage.

ALBANY COUNTY CORRECTIONAL FACILITY, ALBANY, NEW YORK**1998 – 1999**Acting Facility Medical Director, 1998 – 1999

Directed the medical staff of an 800 bed jail and provided direct patient care following the sudden loss of the Medical Director, pending hiring of a permanent replacement. Coordinated care of jail patients in local hospitals. Provided consultation to the Superintendent on improvements to operation and staffing of medical unit and need for privatization.

VETERANS ADMINISTRATION MEDICAL CENTER, ALBANY, NY**1992 – 1998**Assistant Chief, Medical Service, 1995 – 1998Chief, Section of General Internal Medicine and Emergency Services, 1992 – 1998

Responsible for operation of the general internal medicine clinics and the Emergency Department.

- Designed and implemented an organizational and physical plant makeover of the general medicine ambulatory care clinic from an episodic-care driven model with practitioners functioning independently supported by minimal nursing involvement, to a continuity-of-care model with integrated physician/mid-level practitioner/registered nurse/licensed practice nurse/practice manager teams.
- Led the design and opening of a new Emergency Department.
- As the VA Section Chief of Albany Medical College’s Division of General Internal Medicine, coordinated academic activities of the Division at the VA, including oversight of, and direct teaching in, ambulatory care and inpatient internal medicine rotations for medical students, residents, and fellows. Incorporated medical residents as part of the general internal medicine clinics. Awarded \$786,000 Veterans Administration grant (“PRIME I”) over four years for development and operation of educational programs for medicine residents and students in allied health professions (management, pharmacy, social work, physician extenders) wishing to study primary care delivery.

ERIE COUNTY HEALTH DEPARTMENT, BUFFALO, NY**1988 – 1990**Director of Sexually Transmitted Diseases (STD) Services, 1989 – 1990Staff Physician, STD Clinic, 1988 – 1989Staff Physician, Lackawanna Community Health Center, 1988 – 1990

Provided leadership and patient care services in the evaluation and treatment of STDs. Successfully reorganized the county’s STD services which were suffering from mismanagement and were under public scrutiny. Provided direct patient care services in primary care clinic for underserved neighborhood.

UNION OCCUPATIONAL HEALTH CENTER, BUFFALO, NY**1988 – 1990**Staff Physician, 1988 – 1990

Provided direct patient care for the evaluation of occupationally-related health disorders.

VETERANS ADMINISTRATION MEDICAL CENTER, BUFFALO, NY**1985 – 1990**Chief Outpatient Medical Section and Primary Care Clinic, 1986 – 1988VA Section Head, Division of General Internal Medicine, University of Buffalo, 1986 – 1988

- Developed and implemented a major restructuring of the general medicine ambulatory care clinic to reduce fragmentation of care by introduction of a continuity-of-care model with a physician/nurse team approach.

Medical Director, Anticoagulation Clinic 1986 – 1990Staff Physician, Emergency Department, 1985 – 1986**FACULTY APPOINTMENTS**

| | |
|----------------|---|
| 2020 – present | Faculty Associate, Center for Human Rights, University of Washington |
| 2007 – present | Affiliate Assistant Professor, Department of Health Services, School of Public Health, University of Washington |
| 1999 – present | Clinical Professor, Fellowship in Applied Public Health (previously Volunteer Faculty, Preventive Medicine Residency), University at Albany School of Public Health |
| 1996 – 2002 | Volunteer Faculty, Office of the Dean of Students, University at Albany |
| 1992 – 2002 | Associate Clinical/Associate/Assistant Professor of Medicine, Albany Medical College |
| 1993 – 1997 | Clinical Associate Faculty, Graduate Program in Nursing, Sage Graduate School |
| 1990 – 1992 | Instructor of Medicine, Indiana University |
| 1985 – 1990 | Clinical Assistant Professor of Medicine, University of Buffalo |
| 1982 – 1985 | Clinical Assistant Instructor of Medicine, University of Buffalo |

OTHER PROFESSIONAL ACTIVITIES

| | |
|----------------|--|
| 2016 – present | Chair, Education Committee, Academic Consortium on Criminal Justice Health |
| 2016 – present | Washington State Institutional Review Board (“Prisoner Advocate” member) |
| 2016 – 2017 | Mortality Reduction Workgroup, American Jail Association |
| 2013 – present | Conference Planning Committee – Medical/Mental Health Track, American Jail Association |
| 2013 – 2016 | “Health in Prisons” course, Bloomberg School of Public Health, Johns Hopkins University/International Committee of the Red Cross |
| 2013 – present | Institutional Review Board, University of Washington (“Prisoner Advocate” member), |
| 2011 – 2012 | Education Committee, National Commission on Correctional Health Care |
| 2007 – present | National Advisory Committee, COCHS (Community–Oriented Correctional Health Services) |
| 2004 – 2006 | Fellow’s Advisory Committee, University of Washington Robert Wood Johnson Clinical Scholar Program |
| 2004 | External Expert Panel to the Surgeon General on the “Call to Action on Correctional Health Care” |
| 2003 – present | Faculty Instructor, Critical Appraisal of the Literature Course, Family Practice Residency Program, Providence St. Peter Hospital, Olympia, Washington |
| 2001 – present | Chair/Co-Chair, Education Committee, American College of Correctional Physicians |
| 1999 – present | Critical Appraisal of the Literature Course, Preventive Medicine Residency Program, New York State Department of Health/University at Albany School of Public Health |
| 1999 | Co–Chairperson, Education Subcommittee, Workshop Submission Review Committee, Annual Meeting, Society of General Internal Medicine |
| 1997 – 1998 | Northeast US Representative, National Association of VA Ambulatory Managers |
| 1996 – 2002 | Faculty Mentor, Journal Club, Internal Medicine Residency Program, Albany Medical College |
| 1996 – 2002 | Faculty Advisor and Medical Control, 5 Quad Volunteer Ambulance Service, University at Albany |

1995 – 1998 Preceptor, MBA Internship, Union College

1995 Quality Assurance/Patient Satisfaction Subcommittee, VA National Curriculum Development Committee for Implementation of Primary Care Practices, Veterans Administration

1994 – 1998 Residency Advisory Committee, Preventive Medicine Residency, New York State Department of Health/School of Public Health, University at Albany

1993 Chairperson, Dean's Task Force on Primary Care, Albany Medical College

1993 Task Group to develop curriculum for Comprehensive Care Case Study Course for Years 1 through 4, Albany Medical College

1988 – 1989 Teaching Effectiveness Program for New Housestaff, Graduate Medical Dental Education Consortium of Buffalo

1987 – 1990 Human Studies Review Committee, School of Allied Health Professions, University of Buffalo

1987 – 1989 Chairman, Subcommittee on Hospital Management Issues and Member, Subcommittee on Teaching of Ad Hoc Committee to Plan Incoming Residents Training Week, Graduate Medical Dental Education Consortium of Buffalo

1987 – 1988 Dean's Ad Hoc Committee to Reorganize "Introduction to Clinical Medicine" Course

1987 Preceptor, Nurse Practitioner Training Program, School of Nursing, University of Buffalo

1986 – 1988 Course Coordinator, Simulation Models Section of Physical Diagnosis Course, University of Buffalo

1986 – 1988 Chairman, Service Chiefs' Continuity of Care Task Force, Veterans Administration Medical Center, Buffalo, New York

1979 – 1980 Laboratory Teaching Assistant in Gross Anatomy, Université Libre de Bruxelles, Brussels, Belgium

1973 – 1975 Instructor and Instructor Trainer of First Aid, American National Red Cross

1972 – 1975 Chief of Service or Assistant Chief of Operations, 5 Quad Volunteer Ambulance Service, University at Albany.

1972 – 1975 Emergency Medical Technician Instructor and Course Coordinator, New York State Department of Health, Bureau of Emergency Medical Services

REVIEWER/EDITOR

2019 – present Reviewer, Criminal Justice Review

2015 – present Reviewer, PLOS ONE

2015 – present Founding Editorial Board Member and Reviewer, Journal for Evidence-based Practice in Correctional Health, Center for Correctional Health Networks, University of Connecticut

2011 – present Reviewer, American Journal of Public Health

2010 – 2023 International Advisory Board Member and Reviewer, International Journal of Prison Health

2010 – present Grant reviewer, Langeloth Foundation

2001 – present Reviewer and Editorial Board Member (2009 – present), Journal of Correctional Health Care

2010 – 2023 International Advisory Board Member and Reviewer, International Journal of Prison Health

2001 – 2004 Reviewer, Journal of General Internal Medicine

1996 Reviewer, Abstract Committee, Health Services Research Subcommittee, Annual Meeting, Society of General Internal Medicine

1990 – 1992 Reviewer, Medical Care

EDUCATION

University at Albany, College of Arts and Sciences, Albany; B.S., 1975 (Biology)

University at Albany, School of Education, Albany; AMST (Albany Math and Science Teachers) Teacher Education Program, 1975

Université Libre de Bruxelles, Faculté de Medecine, Brussels, Belgium; Candidature en Sciences Medicales, 1980

University at Buffalo, School of Medicine, Buffalo; M.D., 1982

University at Buffalo Affiliated Hospitals, Buffalo; Residency in Internal Medicine, 1985

Regenstrief Institute of Indiana University, and Richard L. Roudebush Veterans Administration Medical Center; VA/NIH Fellowship in Primary Care Medicine and Health Services Research, 1992
Indiana University, School of Health, Physical Education, and Recreation, Bloomington; M.P.H., 1992
New York Academy of Medicine, New York; Mini-fellowship Teaching Evidence-Based Medicine, 1999

CERTIFICATIONS

Provisional Teaching Certification for Biology, Chemistry, Physics, Grades 7–12, New York State Department of Education (expired), 1975
Diplomate, National Board of Medical Examiners, 1983
Diplomate, American Board of Internal Medicine, 1985
Fellow, American College of Physicians, 1991
License: Washington (#MD00041843, active); New York (#158327, inactive); Indiana (#01038490, inactive)
“X” Waiver (buprenorphine), Department of Health & Human Services, 2018

MEMBERSHIPS

2019 – present Washington Association of Sheriffs and Police Chiefs
2005 – 2016 American Correctional Association/Washington Correctional Association
2000 – present American College of Correctional Physicians

RECOGNITIONS

B. Jaye Anno Award for Excellence in Communication, National Commission on Correctional Health Care. 2019
Award of Appreciation, Washington Association of Sheriffs and Police Chiefs. 2018
Armond Start Award of Excellence, American College of Correctional Physicians. 2010
(First) Annual Preventive Medicine Faculty Excellence Award, New York State Preventive Medicine Residency Program, University at Albany School of Public Health/New York State Department of Health. 2010
Excellence in Education Award for excellence in clinical teaching, Family Practice Residency Program, Providence St. Peter Hospital, Olympia, Washington. 2004
Special Recognition for High Quality Workshop Presentation at Annual Meeting, Society of General Internal Medicine. 1996
Letter of Commendation, House Staff Teaching, University of Buffalo. 1986

WORKSHOPS, SEMINARS, PRESENTATIONS, INVITED LECTURES

It's the 21st Century – Time to Bid Farewell to “Sick Call” and “Chronic Care Clinic”. Annual Conference, National Commission on Correctional Health Care. Fort Lauderdale, Florida. 2019
HIV and Ethics – Navigating Medical Ethical Dilemmas in Corrections. Keynote Speech, 14th Annual HIV Care in the Correctional Setting. AIDS Education and Training Program (AETC) Mountain West, Olympia, Washington. 2019
Honing Nursing Skills to Keep Patients Safe in Jail. Orange County Jail Special Training Session (including San Bernardino and San Diego Jail Staffs), Theo Lacy Jail, Orange, California. 2019
What Would You Do? Navigating Medical Ethical Dilemmas. Leadership Training Academy, National Commission on Correctional Health Care. San Diego, California. 2019
Preventing Jail Deaths. Jail Death Review and Investigations: Best Practices Training Program, American Jail Association, Arlington, Virginia. 2018
How to Investigate Jail Deaths. Jail Death Review and Investigations: Best Practices Training Program, American Jail Association, Arlington, Virginia. 2018
Executive Manager Program in Correctional Health. 4-day training for custody/health care teams from jails and prisons on designing safe and efficient health care systems. National Institute for Corrections Training Facility, Aurora, Colorado, and other venues in Washington State. Periodically. 2014 – present

Medical Ethics in Corrections. Criminal Justice 441 – Professionalism and Ethical Issues in Criminal Justice. University of Washington, Tacoma. Recurring seminar. 2012 – present

Medical Aspects of Deaths in ICE Custody. Briefing for U.S. Senate staffers, Human Rights Watch. Washington, D.C. 2018

Jails' Role in Managing the Opioid Epidemic. Panelist. Washington Association of Sheriffs and Police Chiefs Annual Conference. Spokane, Washington. 2018

Contract Prisons and Contract Health Care: What Do We Know? Behind Bars: Ethics and Human Rights in U.S. Prisons Conference. Center for Bioethics – Harvard Medical School/Human Rights Program – Harvard Law School. Boston, Massachusetts. 2017

Health Care Workers in Prisons. (With Dr. J. Wesley Boyd) Behind Bars: Ethics and Human Rights in U.S. Prisons Conference. Center for Bioethics – Harvard Medical School/Human Rights Program – Harvard Law School. Boston, Massachusetts. 2017

Prisons, Jails and Medical Ethics: Rubber, Meet Road. Grand Rounds. Touro Medical College. New York, New York. 2017

Jail Medical Doesn't Have to Keep You Up at Night – National Standards, Risks, and Remedies. Washington Association of Counties. SeaTac, Washington. 2017

Prison and Jail Health Care: What do you need to know? Grand Rounds. Providence/St. Peters Medical Center. Olympia, Washington. 2017

Prison Health Leadership Conference. 2-Day workshop. International Corrections and Prisons Association/African Correctional Services Association/Namibian Corrections Service. Omaruru, Namibia. 2016; 2018

What Would YOU Do? Navigating Medical Ethical Dilemmas. Spring Conference. National Commission on Correctional Health Care. Nashville, Tennessee. 2016

Improving Patient Safety. Spring Provider Meeting. Oregon Department of Corrections. Salem, Oregon 2016

A View from the Inside: The Challenges and Opportunities Conducting Cardiovascular Research in Jails and Prisons. Workshop on Cardiovascular Diseases in the Inmate and Released Prison Population. The National Heart, Lung, and Blood Institute. Bethesda, Maryland. 2016

Why it Matters: Advocacy and Policies to Support Health Communities after Incarceration. At the Nexus of Correctional Health and Public Health: Policies and Practice session. Panelist. American Public Health Association Annual Meeting. Chicago, Illinois. 2015

Hot Topics in Correctional Health Care. Presented with Dr. Donald Kern. American Jail Association Annual Meeting. Charlotte, North Carolina. 2015

Turning Sick Call Upside Down. Annual Conference. National Commission on Correctional Health Care. Dallas, Texas, 2015.

Diagnostic Maneuvers You May Have Missed in Nursing School. Annual Conference. National Commission on Correctional Health Care. Dallas, Texas. 2015

The Challenges of Hunger Strikes: What Should We Do? What Shouldn't We Do? Annual Conference. National Commission on Correctional Health Care. Dallas, Texas. 2015

Practical and Ethical Approaches to Managing Hunger Strikes. Annual Practitioners' Conference. Washington Department of Corrections. Tacoma, Washington. 2015

Contracting for Health Services: Should I, and if so, how? American Jail Association Annual Meeting. Dallas, Texas. 2014

Hunger Strikes: What should the Society of Correctional Physician's position be? With Allen S, May J, Ritter S. American College of Correctional Physicians (Formerly Society of Correctional Physicians) Annual Meeting. Nashville, Tennessee. 2013

Addressing Conflict between Medical and Security: an Ethics Perspective. International Corrections and Prison Association Annual Meeting. Colorado Springs, Colorado. 2013

Patient Safety and 'Right Using' Nurses. Keynote address. Annual Conference. American Correctional Health Services Association. Philadelphia, Pennsylvania. 2013

Patient Safety: Overuse, underuse, and misuse...of nurses. Keynote address. Essentials of Correctional Health Care conference. Salt Lake City, Utah. 2012

The ethics of providing healthcare to prisoners-An International Perspective. Global Health Seminar Series. Department of Global Health, University of Washington, Seattle, Washington. 2012

Recovery, Not Recidivism: Strategies for Helping People Who are Incarcerated. Panelist. NAMI Annual Meeting, Seattle, Washington, 2012

Ethics and HIV Workshop. HIV/AIDS Care in the Correctional Setting Conference, Northwest AIDS Education and Training Center. Salem, Oregon. 2011

Ethics and HIV Workshop. HIV/AIDS Care in the Correctional Setting Conference, Northwest AIDS Education and Training Center. Spokane, Washington. 2011

Patient Safety: Raising the Bar in Correctional Health Care. With Dr. Sharen Barboza. National Commission on Correctional Health Care Mid-Year Meeting, Nashville, Tennessee. 2010

Patient Safety: Raising the Bar in Correctional Health Care. American Correctional Health Services Association, Annual Meeting, Portland, Oregon. 2010

Achieving Quality Care in a Tough Economy. National Commission on Correctional Health Care Mid-Year Meeting, Nashville, Tennessee, 2010 (Co-presented with Rick Morse and Helena Kim, PharmD.)

Involuntary Psychotropic Administration: The Harper Solution. With Dr. Bruce Gage. American Correctional Health Services Association, Annual Meeting, Portland, Oregon. 2010

Evidence Based Decision Making for Non-Clinical Correctional Administrators. American Correctional Association 139th Congress, Nashville, Tennessee. 2009

Death Penalty Debate. Panelist. Seattle University School of Law, Seattle, Washington. 2009

The Patient Handoff – From Custody to the Community. Washington Free Clinic Association, Annual Meeting, Olympia, Washington. Lacey, Washington. 2009

Balancing Patient Advocacy with Fiscal Restraint and Patient Litigation. National Commission on Correctional Health Care and American College of Correctional Physicians “Medical Directors Boot Camp,” Seattle, Washington. 2009

Staff Management. National Commission on Correctional Health Care and American College of Correctional Physicians “Medical Directors Boot Camp,” Seattle, Washington. 2009

Management Dilemmas in Corrections: Boots and Bottom Bunks. Annual Meeting, American College of Correctional Physicians, Chicago, Illinois. 2008

Public Health and Correctional Health Care. Masters Program in community-based population focused management – Populations at risk, Washington State University, Spokane, Washington. 2008

Managing the Geriatric Population. Panelist. State Medical Directors’ Meeting, American Corrections Association, Alexandria, Virginia. 2007

I Want to do my own Skin Biopsies. Annual Meeting, American College of Correctional Physicians, New Orleans, Louisiana. 2005

Corrections Quick Topics. Annual Meeting, American College of Correctional Physicians. Austin, Texas. 2003

Evidence Based Medicine in Correctional Health Care. Annual Meeting, National Commission on Correctional Health Care. Austin, Texas. 2003

Evidence Based Medicine. Excellence at Work Conference, Empire State Advantage. Albany, New York. 2002

Evidence Based Medicine, Outcomes Research, and Health Care Organizations. National Clinical Advisory Group, Integrail, Inc., Albany, New York. 2002

Evidence Based Medicine. With Dr. LK Hohmann. The Empire State Advantage, Annual Excellence at Work Conference: Leading and Managing for Organizational Excellence, Albany, New York. 2002

Taking the Mystery out of Evidence Based Medicine: Providing Useful Answers for Clinicians and Patients. Breakfast Series, Institute for the Advancement of Health Care Management, School of Business, University at Albany, Albany, New York. 2001

Diagnosis and Management of Male Erectile Dysfunction – A Goal-Oriented Approach. Society of General Internal Medicine National Meeting, San Francisco, California. 1999

Study Design and Critical Appraisal of the Literature. Graduate Medical Education Lecture Series for all housestaff, Albany Medical College, Albany, New York. 1999

Male Impotence: Its Diagnosis and Treatment in the Era of Sildenafil. 4th Annual CME Day, Alumni Association of the Albany–Hudson Valley Physician Assistant Program, Albany, New York. 1998

Models For Measuring Physician Productivity. Panelist. National Association of VA Ambulatory Managers National Meeting, Memphis, Tennessee. 1997

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Male Erectile Dysfunction. Topics in Urology, A Seminar for Primary Healthcare Providers, Bassett Healthcare, Cooperstown, New York. 1997

Evaluation and Treatment of the Patient with Impotence: A Practical Primer for General Internists. Society of General Internal Medicine National Meeting, Washington D.C. 1996

Impotence: An Update. Department of Medicine Grand Rounds, Albany Medical College, Albany, New York. 1996

Diabetes for the EMT First–Responder. Five Quad Volunteer Ambulance, University at Albany. Albany, New York. 1996

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Male Impotence. Common Problems in Primary Care Precourse. American College of Physicians National Meeting, Miami, Florida. 1994

Patient Motivation: A Key to Success. Tuberculosis and HIV: A Time for Teamwork. AIDS Program, Bureau of Tuberculosis Control – New York State Department of Health and Albany Medical College, Albany, New York. 1994

Recognizing and Treating Impotence. Department of Medicine Grand Rounds, Albany Medical College, Albany, New York. 1992

Medical Decision Making: A Primer on Decision Analysis. Faculty Research Seminar, Department of Family Practice, Indiana University, Indianapolis, Indiana. 1992

Effective Presentation of Public Health Data. Bureau of Communicable Diseases, Indiana State Board of Health, Indianapolis, Indiana. 1991

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Using Electronic Databases to Search the Medical Literature. NIH/VA Fellows Program, Indiana University, Indianapolis, Indiana. 1991

Study Designs Used in Epidemiology. Ambulatory Care Block Rotation. Department of Medicine, Indiana University, Indianapolis, Indiana. 1991

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New Perspectives in the Management of Hypercholesterolemia. Medical Staff, West Seneca Developmental Center, West Seneca, New York. 1989

Effective Use of Audio–Visual Aids. Nurse Educators, American Diabetes Association, Western New York Chapter, Buffalo, New York. 1989

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Pathophysiology, Diagnosis and Care of Diabetes. Nurse Practitioner Training Program, School of Nursing, University of Buffalo, Buffalo, New York. 1989

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